

FIG 1A

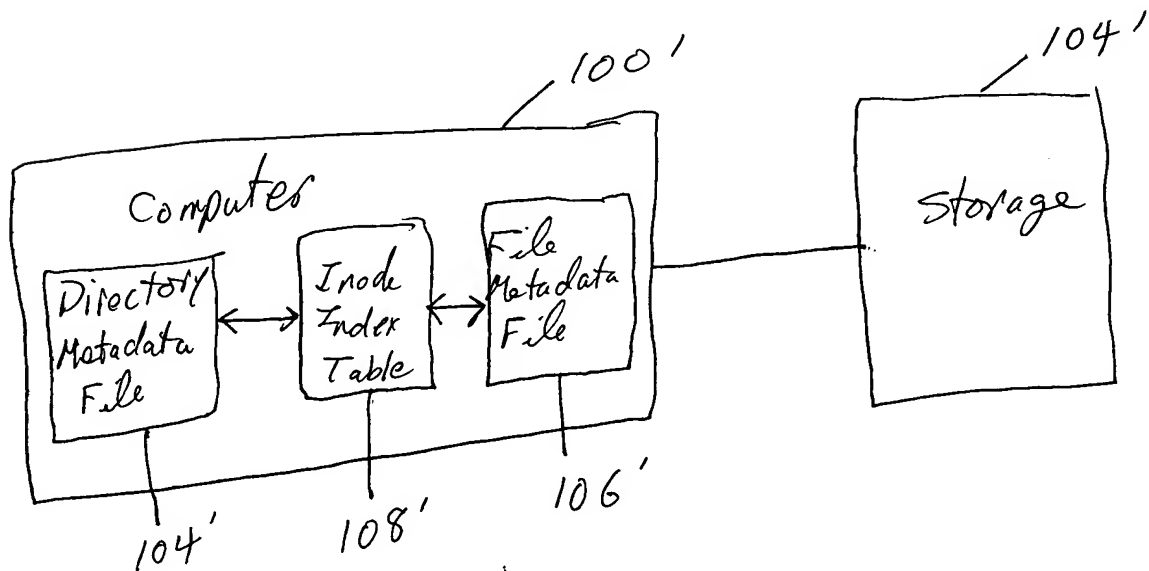
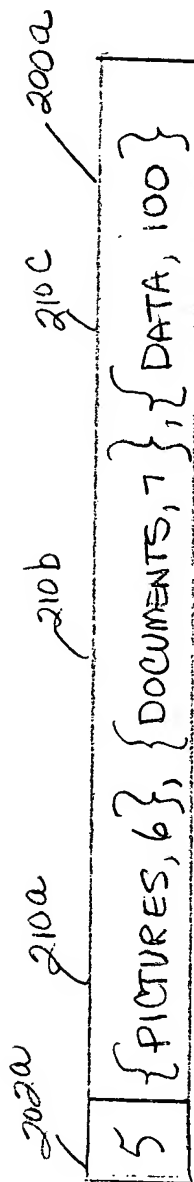
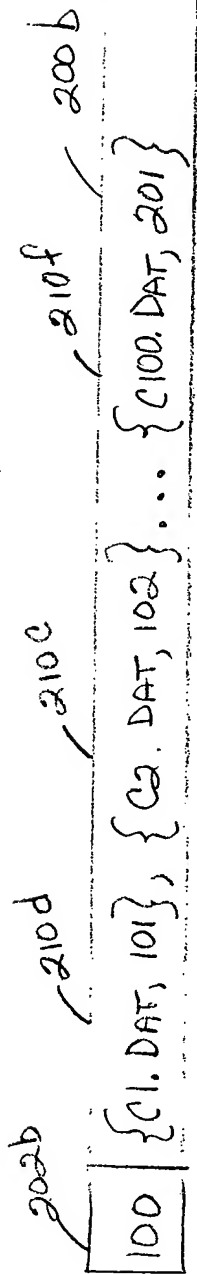


FIG 1B

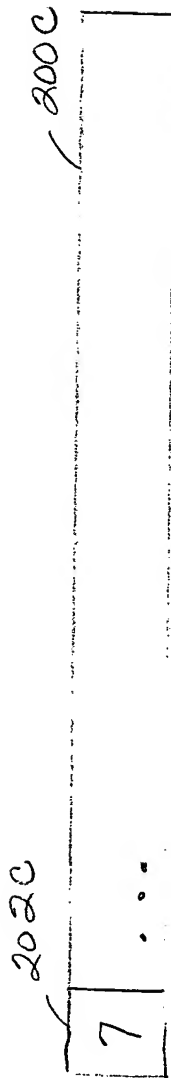
DIRECTORY
META DATA
FILE



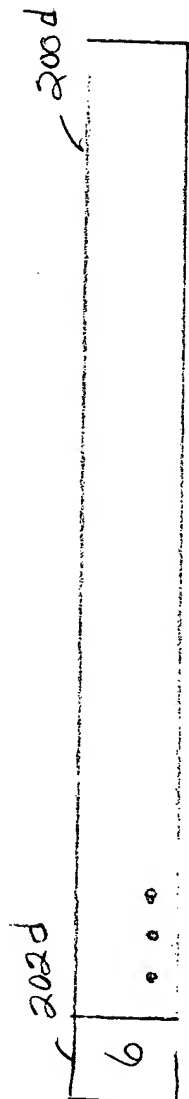
RECORD 1
OFFSET=0



RECORD 2
OFFSET=100



RECORD 3
OFFSET=200



RECORD 4
OFFSET=300

...

FIGURE 2

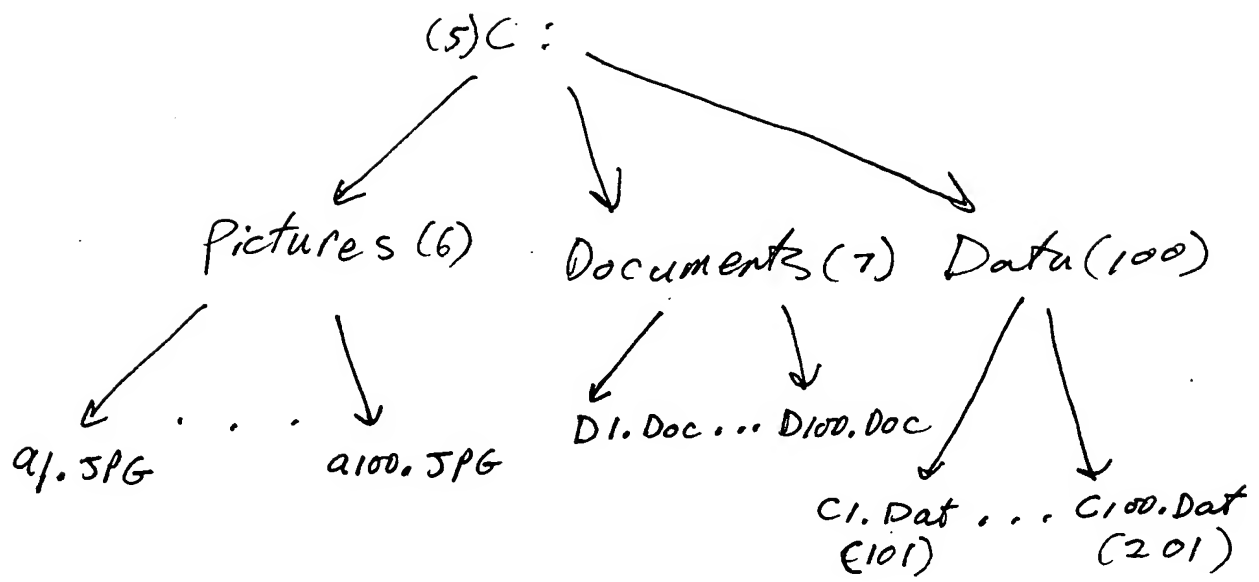


FIG 3

File
Metadata
File

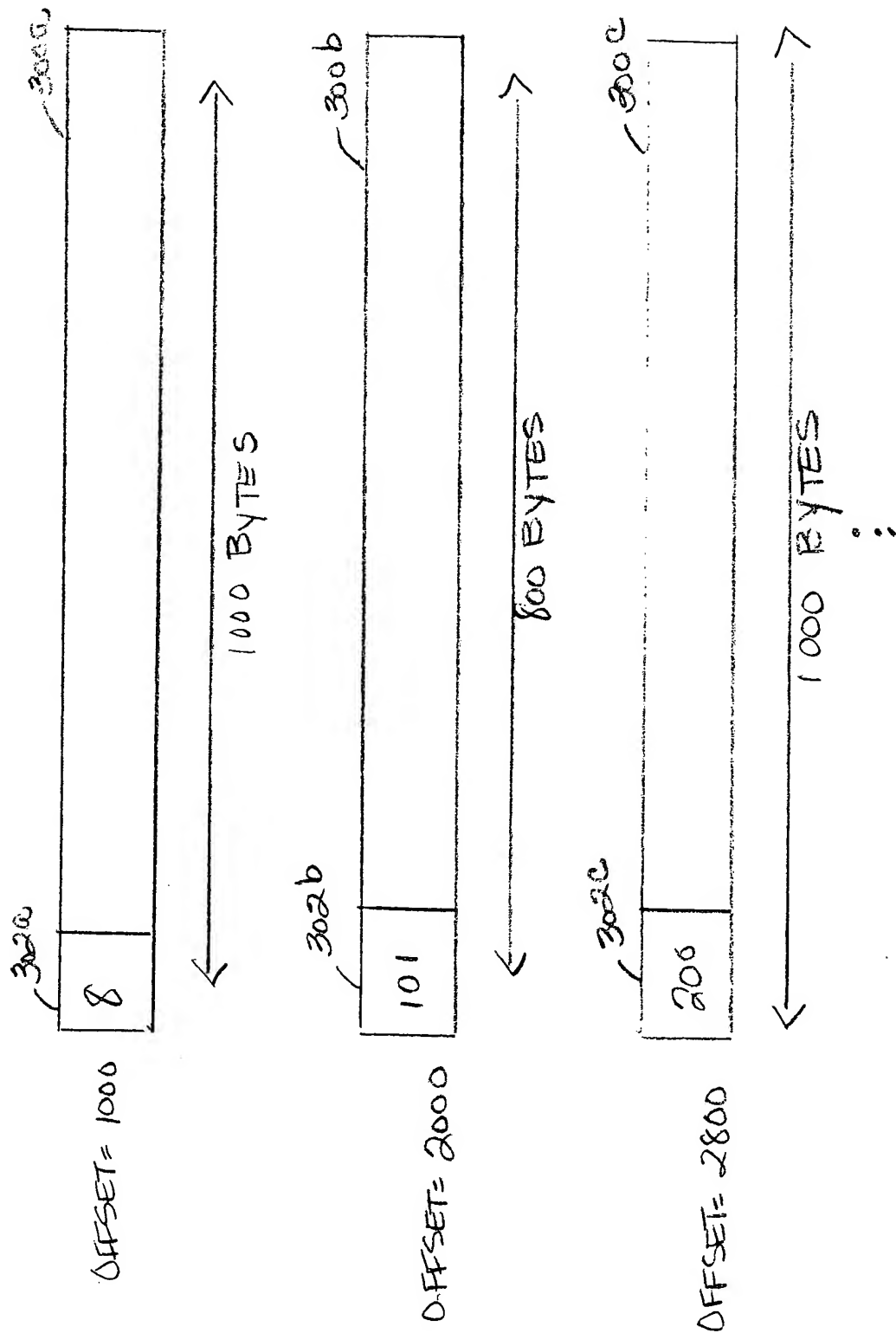


FIGURE 4

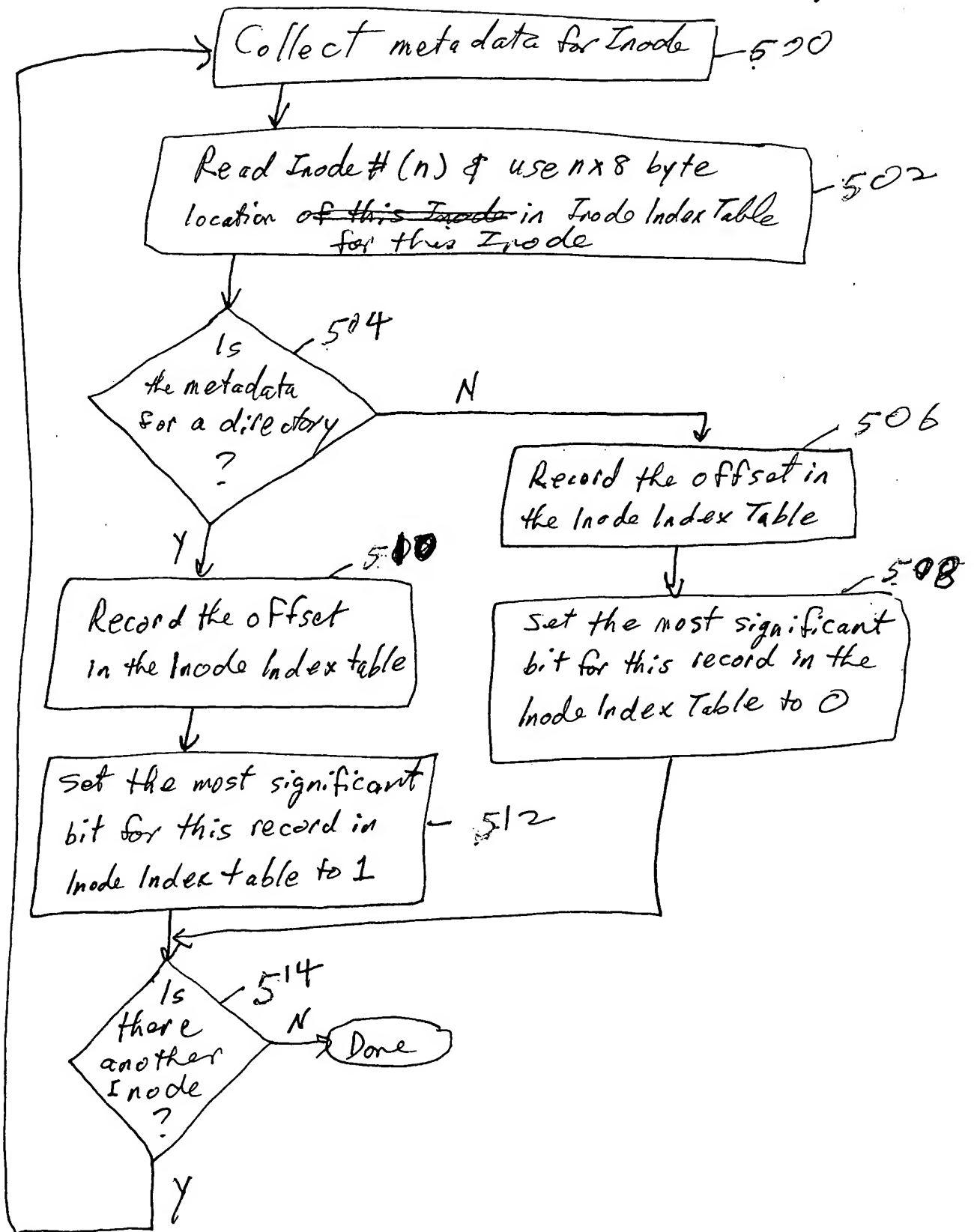


FIG 5

MSB (DIR/File)	offset	
		600a
		600b
		600c
		600d
1	(offset = 0)	600e
1	(offset = 180)	⋮
1	(offset = 260)	⋮
0	(offset = 1000)	
⋮	⋮	
1	(offset = 100)	
0	(offset = 2000)	
⋮	⋮	
0	(offset = 2800)	600z
⋮	⋮	

← 8 bytes →

FIG 6A

MSB (DIR/ File)	Inode	offset	
1	5	(offset = 0)	600a'
1	6	(offset = 180)	600b'
1	7	(offset = 260)	600c'
0	8	(offset = 1000)	
1	100	(offset = 100)	⋮
0	101	(offset = 2000)	
0	200	(offset = 2800)	600z'

8 bytes 8 bytes

FIG 6B

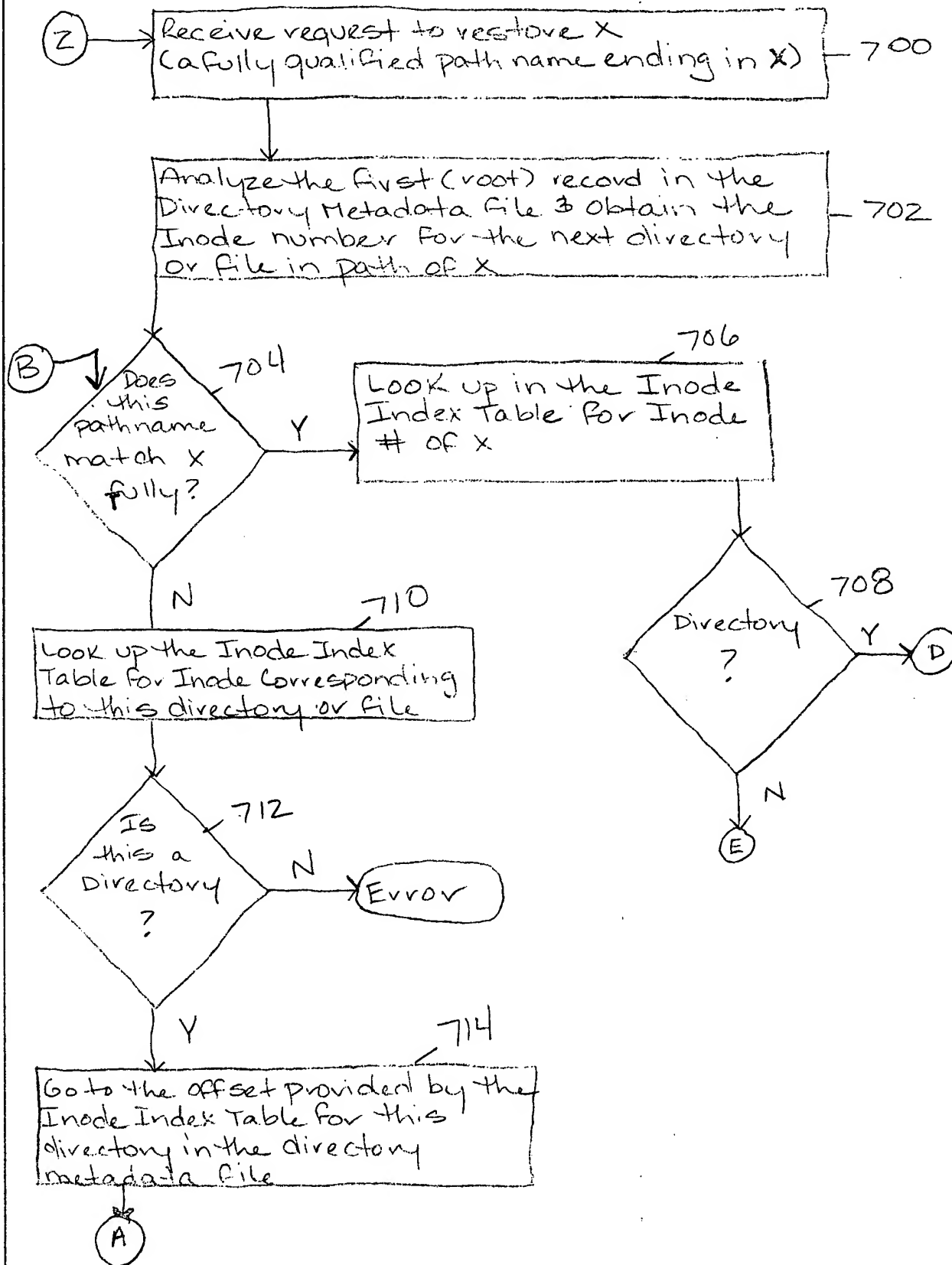


FIG. 7A

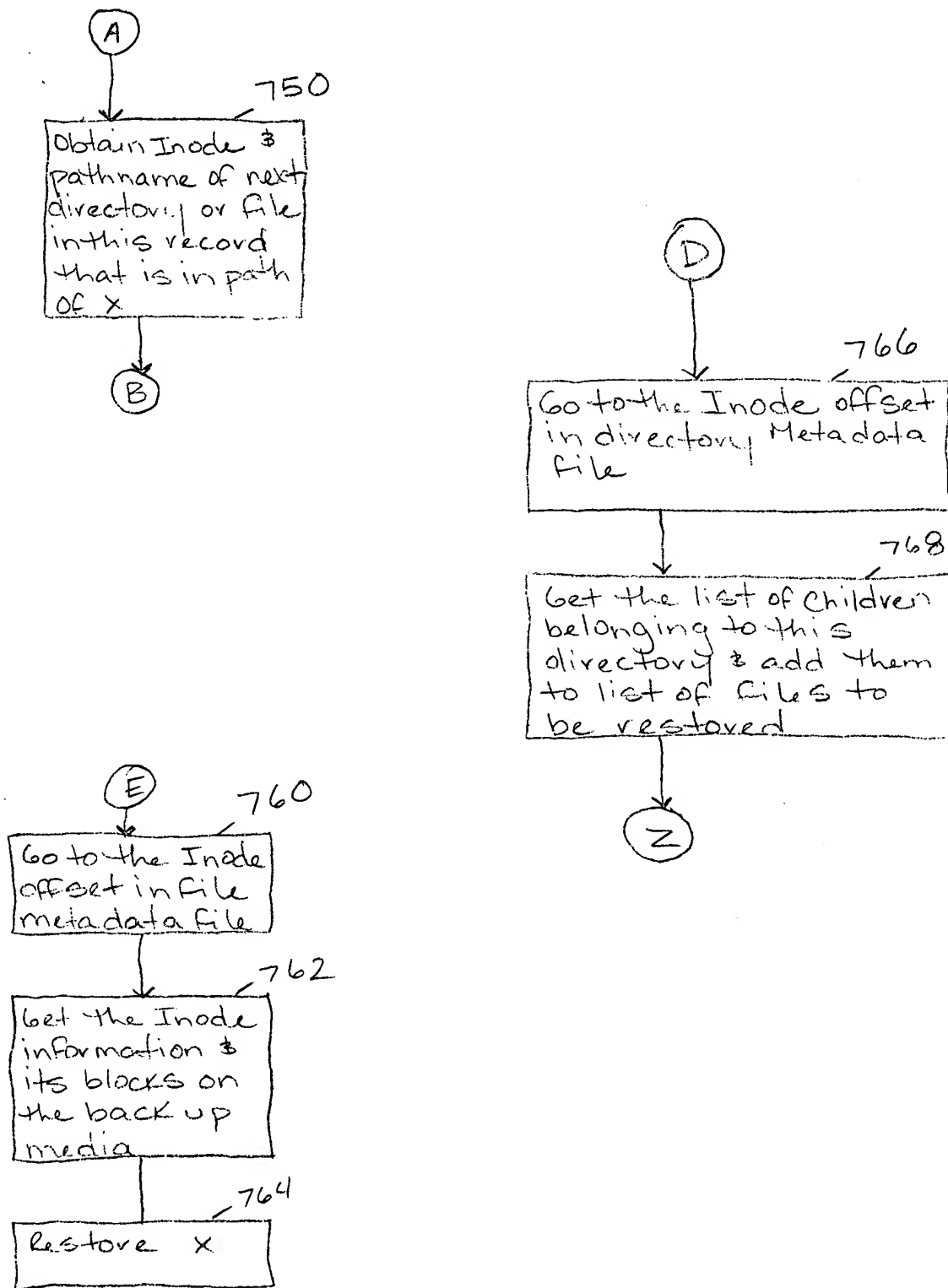


FIG. 7B

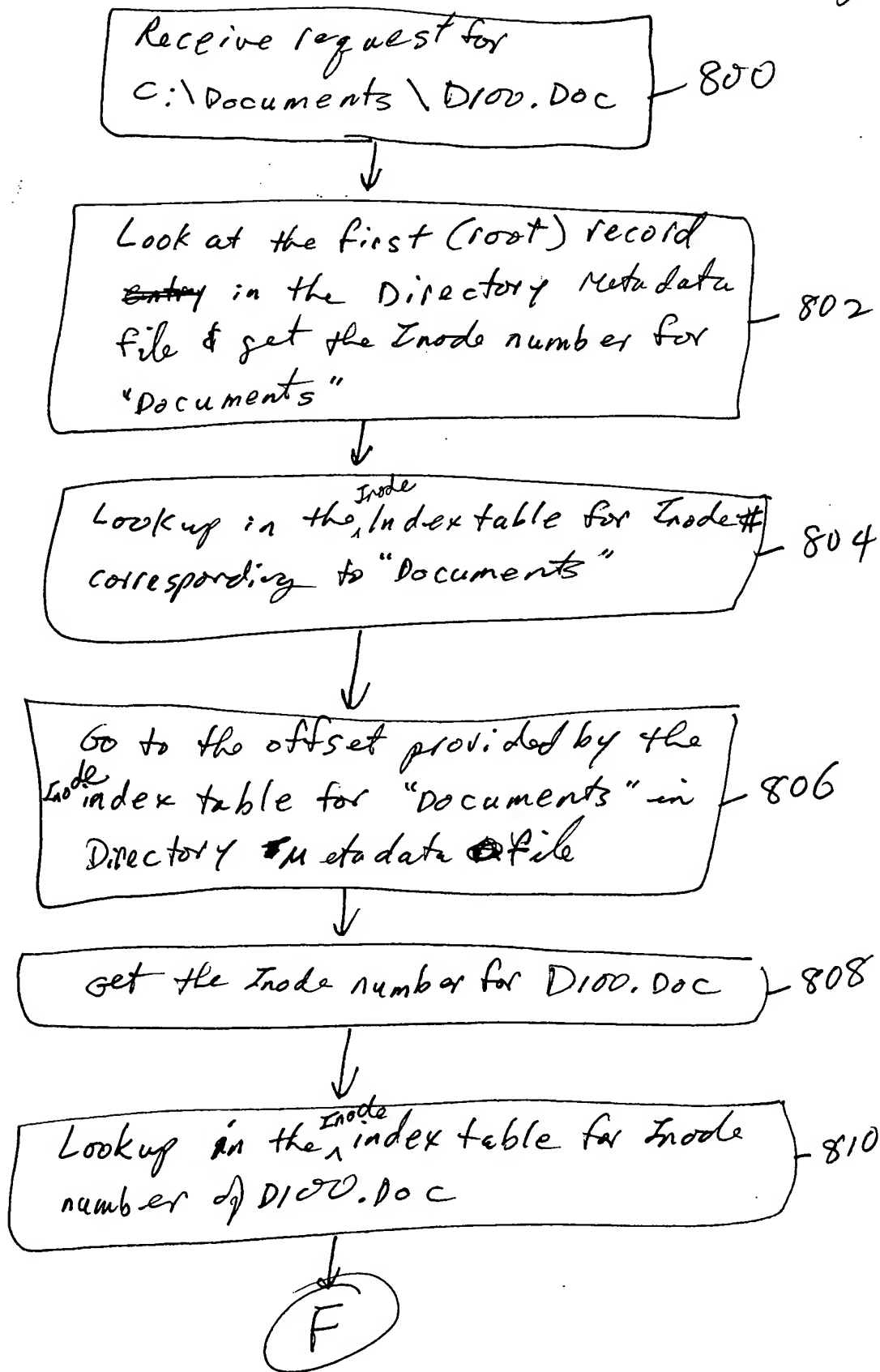


FIG 8A

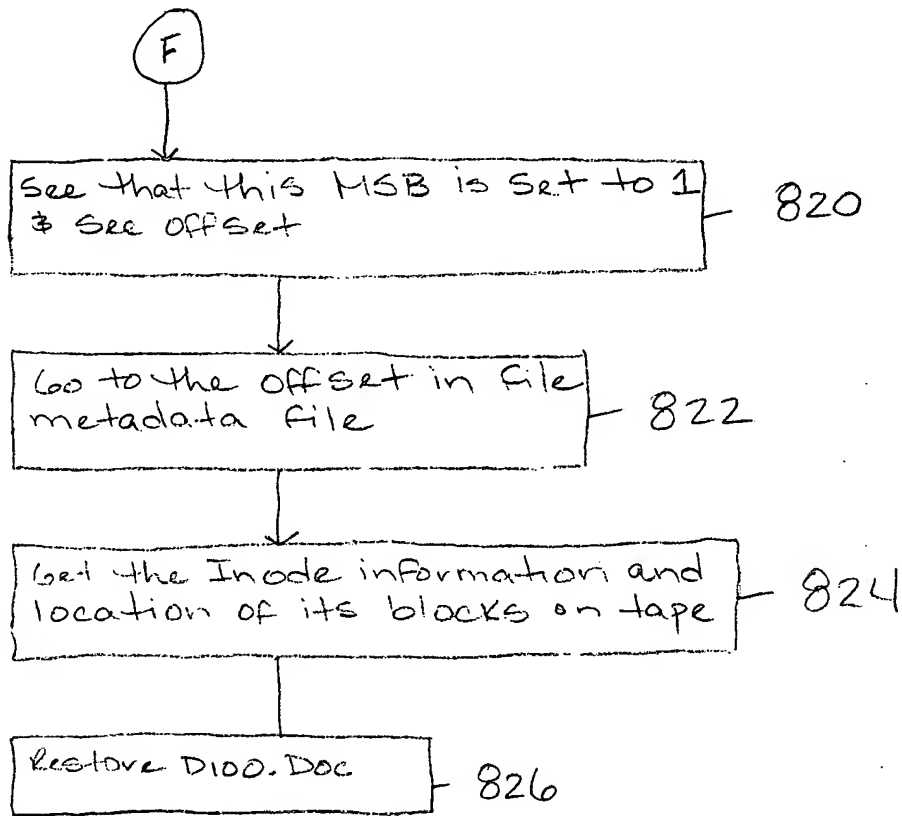


FIG. 8B

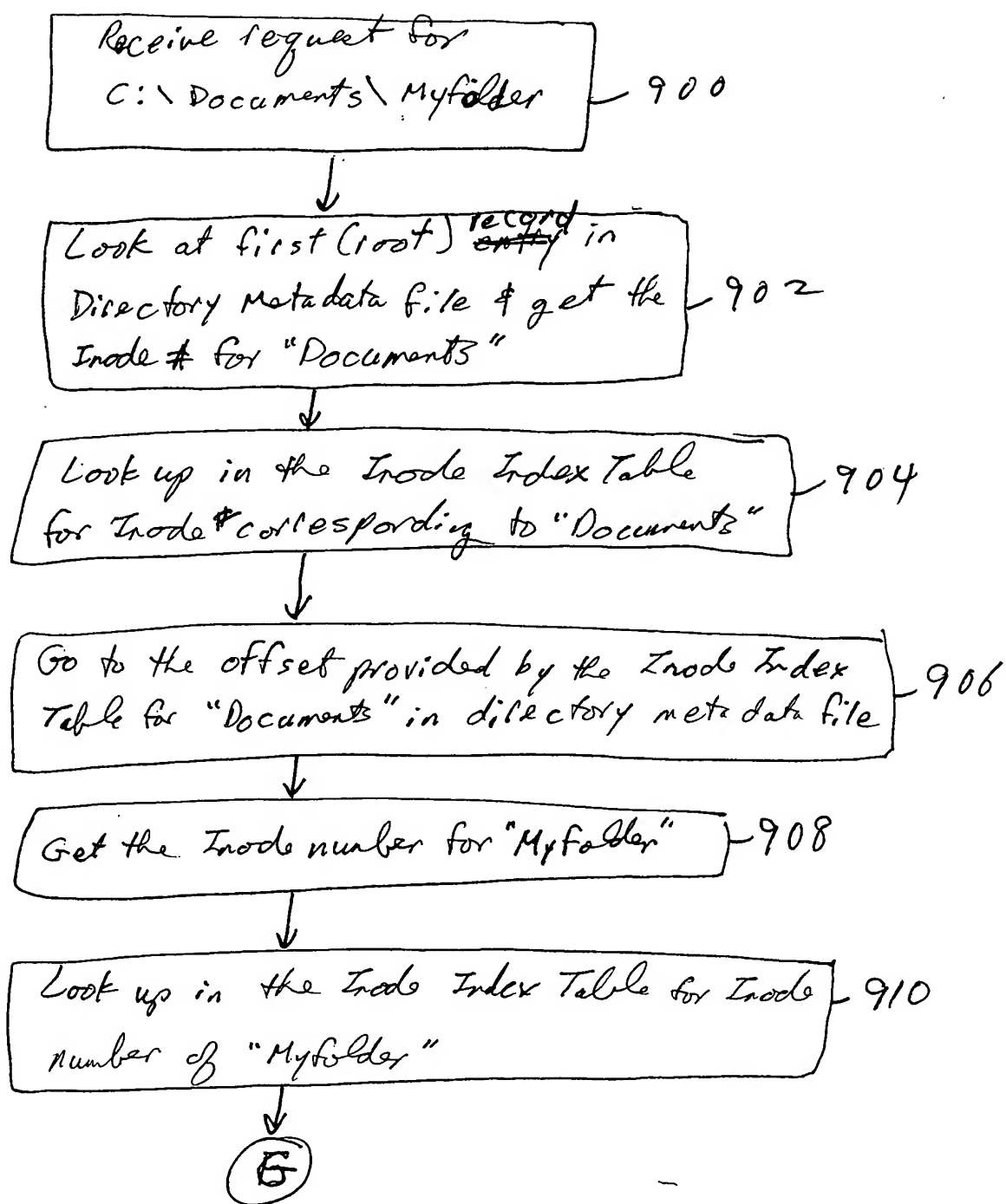


FIG 9A

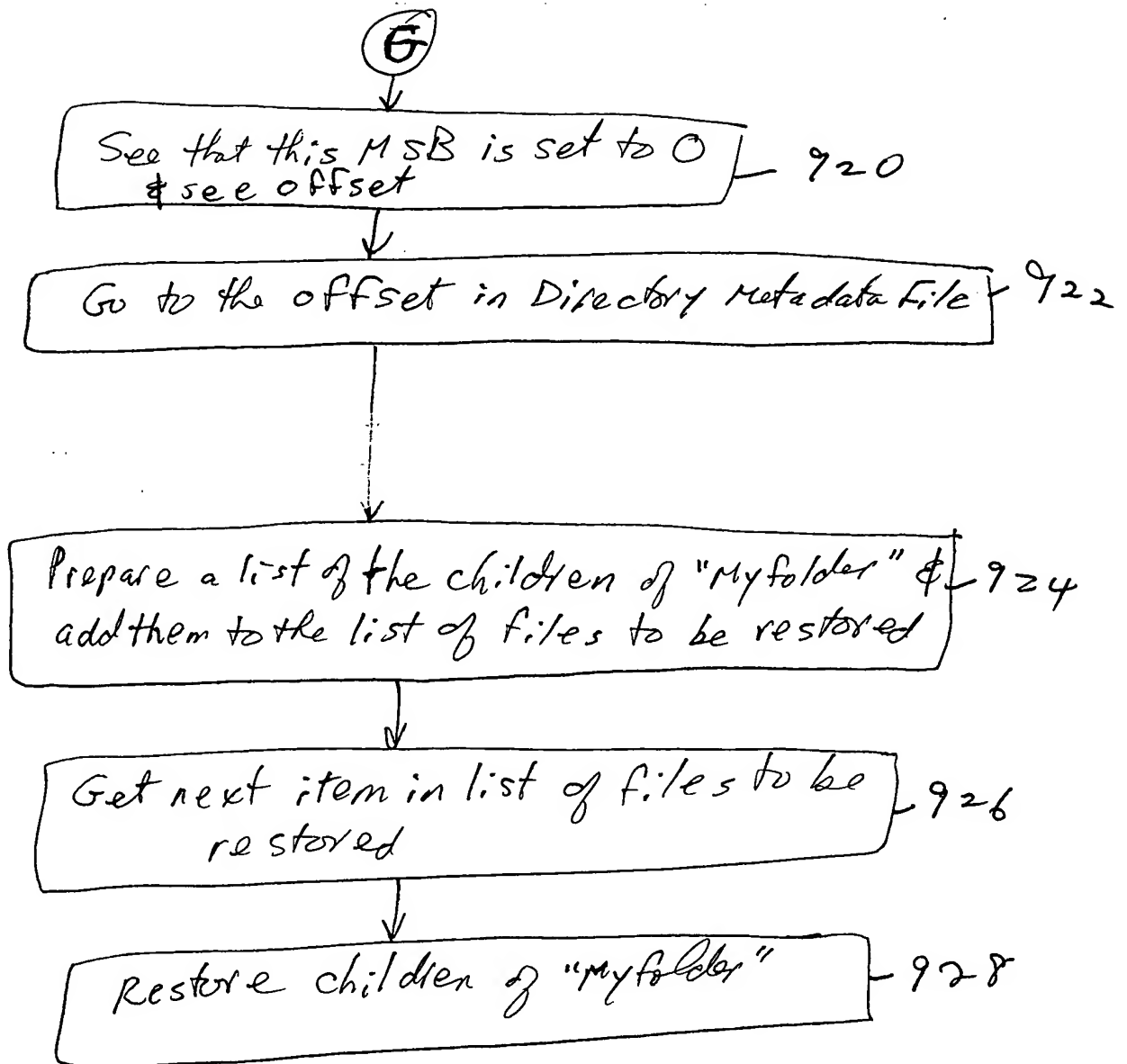


FIG 9B